

- ☒ L2: (0) 10/074394
- ☒ L3: (2546) ("MRAM" magnetoresistive magnetic\$4 near4 memory) with (ferromagnetic insulat\$3)
- ☒ L4: (2546) 3 and ("MRAM" magnetoresistive magnetic\$4 near4 memory ferromagnetic insulat\$3)
- ☒ L5: (50) 4 and ((permeable permeability permeab\$4) with (shiled\$1 shielding))
- ☒ L6: (50) 5 and (permeable permeability permeab\$4 shiled\$1 shielding)
- ☒ L7: (50) 4 and ((permeable permeability permeab\$4) with (shieldd\$1 shielding))
- ☒ L8: (50) 7 and (permeable permeability permeab\$4 shieldd\$1 shielding)
- ☒ L9: (148) 4 and ((permeable permeability permeab\$4) with (shield\$1 shielding))
- ☒ L10 (148) 9 and (permeable permeability permeab\$4 shield\$1 shielding)

DH✓ Plurals

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef*
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 20040005483 A1	20040108	25	Perovskite manganites for use in coatings	428/702	427/240; 427/421;
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030227725 A1	20031211	7	Side shielded current in plane spin-valve	360/324.12	360/322
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030227714 A1	20031211	9	Perpendicular magnetic recording head having a reduced field under the	360/125	
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030211638 A1	20031113	31	Method for manufacturing magnetic sensor	438/3	438/38
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030210591 A1	20031113	35	Magnetic memory device and magnetic substrate	365/200	
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030197211 A1	20031023	12	Magnetic shielding for MRAM devices	257/295	
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030189802 A1	20031009	24	Magnetic head	360/324.12	
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030174446 A1	20030918	32	Magnetic sensing element with side shield layers	360/319	
9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	US 20030147184 A1	20030807	12	Read gap improvements through high resistance magnetic shield layers	360/319	



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 ↗ L10: (148) 9 and (permeable permeability permeab\$4 shield\$1 shielding)
 ↗ L11: (1) "5576015" PN

Plurals
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9 and (permeable permeability permeab\$4 shield\$1 shielding)

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
10	<input type="checkbox"/>	<input type="checkbox"/>	US 20030086215 A1	20030508	15	Magnetic read element shield	360/319	
11	<input type="checkbox"/>	<input type="checkbox"/>	US 20030072109 A1	20030417	13	Magnetoresistive element including smooth spacer interface	360/324.2	29/603.15; 360/66;
12	<input type="checkbox"/>	<input type="checkbox"/>	US 20030062975 A1	20030403	23	Magnetoresistive effect element, magnetic memory and magnetic head	335/106	
13	<input type="checkbox"/>	<input type="checkbox"/>	US 20030052340 A1	20030320	10	Magnetic shielding for integrated circuits	257/200	257/E23.114
14	<input type="checkbox"/>	<input type="checkbox"/>	US 20030047728 A1	20030313	13	INSULATION OF AN MRAM DEVICE THROUGH A SELF-ALIG	257/10	
15	<input type="checkbox"/>	<input type="checkbox"/>	US 20020196591 A1	20021226	9	Method of depositing thin films for magnetic heads	360/326	360/324.2; 427/496;
16	<input type="checkbox"/>	<input type="checkbox"/>	US 20020191451 A1	20021219	34	Magnetoresistance effect device	365/200	
17	<input type="checkbox"/>	<input type="checkbox"/>	US 20020191352 A1	20021219	16	Magnetic head and magnetic recording apparatus	360/319	
18	<input type="checkbox"/>	<input type="checkbox"/>	US 20020186011 A1	20021212	32	Magnetic sensor and manufacturing method therefor	324/252	324/244

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Plurals

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
19	<input type="checkbox"/>	<input type="checkbox"/>	US 20020181173 A1	20021205	8	Magnetoresistive head and manufacturing method therefor	360/324.12	
20	<input type="checkbox"/>	<input type="checkbox"/>	US 20020145902 A1	20021010	83	Magnetic memory device and magnetic substrate	365/97	
21	<input type="checkbox"/>	<input type="checkbox"/>	US 20020141232 A1	20021003	37	Magnetic memory device	365/158	
22	<input type="checkbox"/>	<input type="checkbox"/>	US 20020141119 A1	20021003	16	Thin-film magnetic head having ensured insulation between shield and	360/319	
23	<input type="checkbox"/>	<input type="checkbox"/>	US 20020105058 A1	20020808	10	Magnetic shielding for integrated circuits	257/659	257/E23.114
24	<input type="checkbox"/>	<input type="checkbox"/>	US 20020086182 A1	20020704	25	Spin tunnel magnetoresistive effect film and element, magnetoresistive se	428/692	
25	<input type="checkbox"/>	<input type="checkbox"/>	US 20020060565 A1	20020523	40	Magnetizable bead detector	324/260	
26	<input type="checkbox"/>	<input type="checkbox"/>	US 20020050632 A1	20020502	10	Magnetic shielding for integrated circuits	257/678	257/E23.114
27	<input type="checkbox"/>	<input type="checkbox"/>	US 20020048824 A1	20020425	16	MAGNETORESISTIVE READ/INDUCTIVE WRITE MAGNETIC	438/3	438/57; 438/64;

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J 11: (1) "5576015." PN

Plurals
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9 and (permeable permeability permeab\$4 shield\$1 shielding)

	U	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
29	<input type="checkbox"/>	<input type="checkbox"/>	US 20020024116 A1	20020228	8	Method and apparatus for magnetic shielding of an integrated circuit	257/630	
30	<input type="checkbox"/>	<input type="checkbox"/>	US 20010017543 A1	20010830	35	Read heads in planar monolithic integrated circuit chips	324/252	
31	<input type="checkbox"/>	<input type="checkbox"/>	US 6664613 B2	20031216	7	Magnetic shielding for integrated circuits	257/659	257/778
32	<input type="checkbox"/>	<input type="checkbox"/>	US 6662433 B1	20031216	15	Method of fabricating the thin film magnetic head	29/603.14	29/603.11; 29/603.13;
33	<input type="checkbox"/>	<input type="checkbox"/>	US 6643105 B2	20031104	15	Magnetic head having magnetic shield layers	360/319	
34	<input type="checkbox"/>	<input type="checkbox"/>	US 6633453 B1	20031014	11	Shallow recessed T-head with reduced side-writing and method for	360/126	
35	<input type="checkbox"/>	<input type="checkbox"/>	US 6625040 B1	20030923	6	Shielded PC board for magnetically sensitive integrated circuits	361/816	174/255; 174/35R;
36	<input type="checkbox"/>	<input type="checkbox"/>	US 6607923 B2	20030819	15	Method of making magnetoresistive read/ inductive write magnetic head as	438/3	438/128; 438/131
37	<input type="checkbox"/>	<input type="checkbox"/>	US 6590803 B2	20030708	35	Magnetic memory device	365/158	365/171; 365/173

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DHV Plurals

9 and (permeable
permeability
permeab\$4 shield\$1
shielding)

	C	I	Document ID	Issue Date	Pages	Title	Current OR	Current XRef
39	<input type="checkbox"/>	<input type="checkbox"/>	US 6583629 B1	20030624	21	Magnetic digital signal coupler monitor	324/632	
40	<input type="checkbox"/>	<input type="checkbox"/>	US 6580586 B1	20030617	10	Magnetic transducer with recessed magnetic elements	360/319	
41	<input type="checkbox"/>	<input type="checkbox"/>	US 6567299 B2	20030520	79	Magnetic memory device and magnetic substrate	365/173	365/158; 365/171;
42	<input type="checkbox"/>	<input type="checkbox"/>	US 6559521 B2	20030506	7	Chip carrier with magnetic shielding	257/659	257/422; 257/778;
43	<input type="checkbox"/>	<input type="checkbox"/>	US 6525911 B1	20030225	24	Permeability offset of shield layers for correcting bias of a free layer stru	360/319	
44	<input type="checkbox"/>	<input type="checkbox"/>	US 6504687 B1	20030107	24	Thin-film magnetic head having abrasion-resistant face opposing reco	360/319	
45	<input type="checkbox"/>	<input type="checkbox"/>	US 6477008 B1	20021105	13	Magnetic recording transducer with electronic shield	360/128	360/126; 360/317
46	<input type="checkbox"/>	<input type="checkbox"/>	US 6456466 B1	20020924	15	Magnetic head with shield layer having discontinuous multi-layer or m	360/319	
47	<input type="checkbox"/>	<input type="checkbox"/>	US 6452253 B1	20020917	8	Method and apparatus for magnetic shielding of an integrated circuit	257/659	257/687